



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/862,788
		Filing Date	18 May 2001
		First Named Inventor	Mark Ahmadjian et al
		Group Art Unit	2876
		Examiner Name	A. Kim
Total Number of Pages in this Submission	3	Attorney Docket Number	AFB00500

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts / Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to a TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; height: 100px; width: 100%;"></div>
		Remarks

RECEIVED
DEC 24 2003
TECHNOLOGY CENTER 2800

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	THOMAS C. STOVER, REG NO. 22,531
Signature	
Date	11 December 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

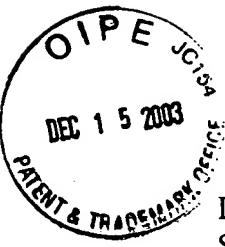
THOMAS C. STOVER

Signature

Date

11 December 2003

2876



Air Force Invention No. AFB00500

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D. C. 20231.

Of

On 11 December 2003
(DATE OF DEPOSIT)

Thomas C. Stover 22,531
NAME OF APPLICANT, ASSIGNEE, OR REG. REP.

T. Stover 11 December 2003
SIGNATURE DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Mark Ahmadjian et al
Serial No. 09/862,788
Filed: 18 May 2001
For: **PLUME DETECTOR**

Group Art Unit: 2876
Examiner: A. Kim

Honorable Commissioner for Patents
Washington D. C. 20231

Sir:

RESPONSE

The following is in response to the Office Action dated 25 September 2003

REMARKS

Claims 1 -- 15 are in the present application.

The Office Action rejection under 1 -- 9 and 11 -- 15 as obvious under 35 U.S. 103 (a) over Hill Jr. et al ('285), in view of Hasson et al ('452), is respectfully traversed.

While these references disclose detecting spectral emissions (at spectral

RECEIVED
DEC 24 2003
TECHNOLOGY CENTER 2800